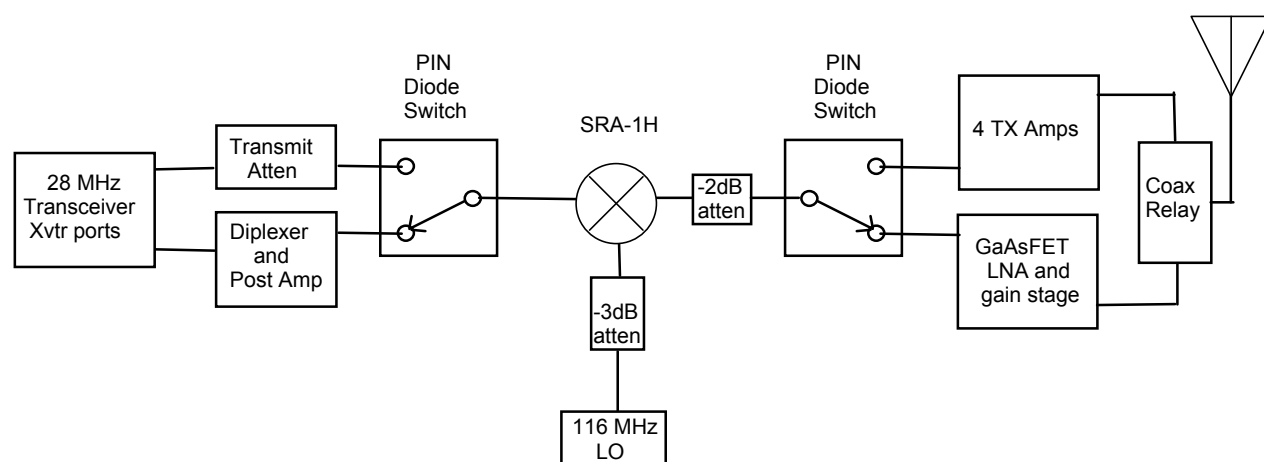


144 MHz Transverter WA3JUF 1984

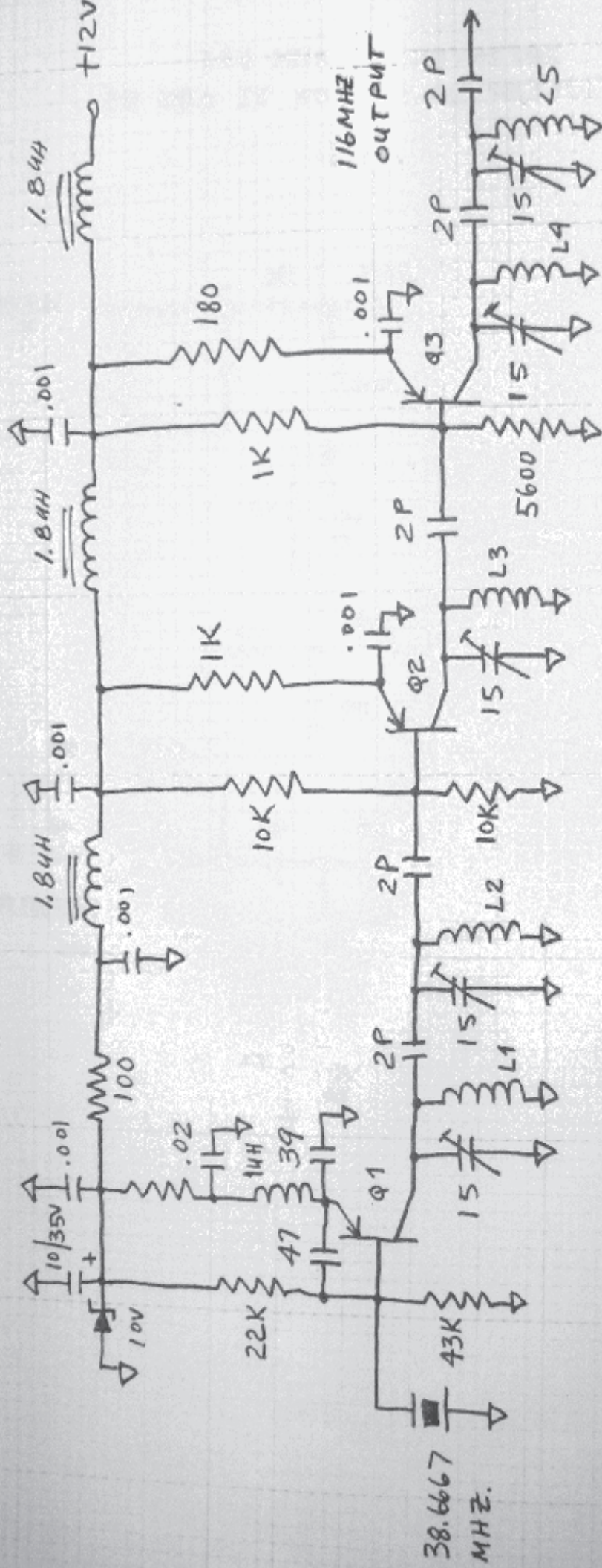


LO: 60 degC Xtal oven installed later.

TX amplifier chain:
SD1520 --> SD1520 --> SD1273 --> SD1274

RX amplifier chain:
MGF1302 --> 3SK40

116 MHz Local Oscillator



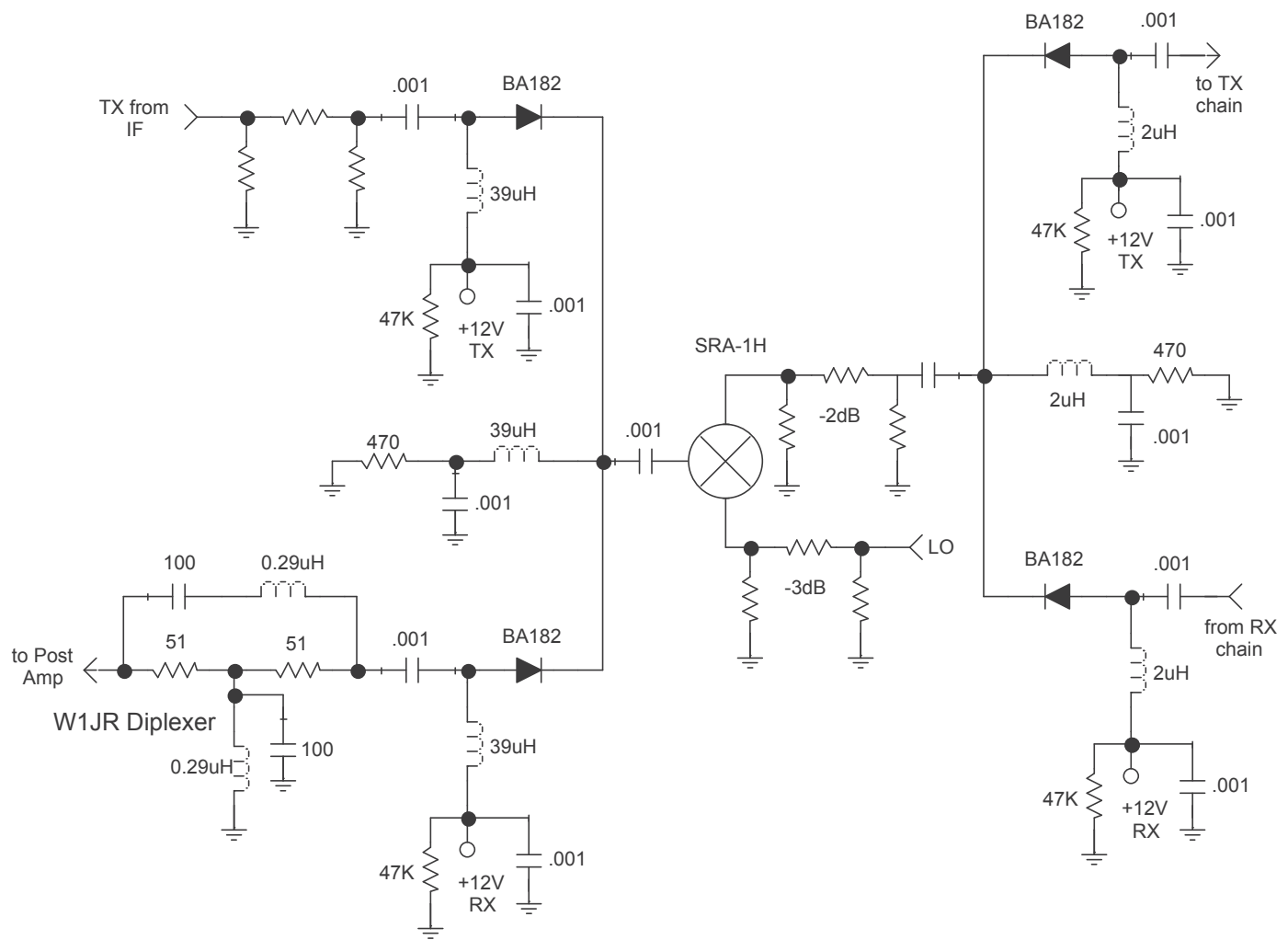
Q1, 2, 3 2N4959

L1, 2, 3, 4, 5 = 5T, #24e CLOSE
WOUND AROUND ISP PISTON
TRIMMERS

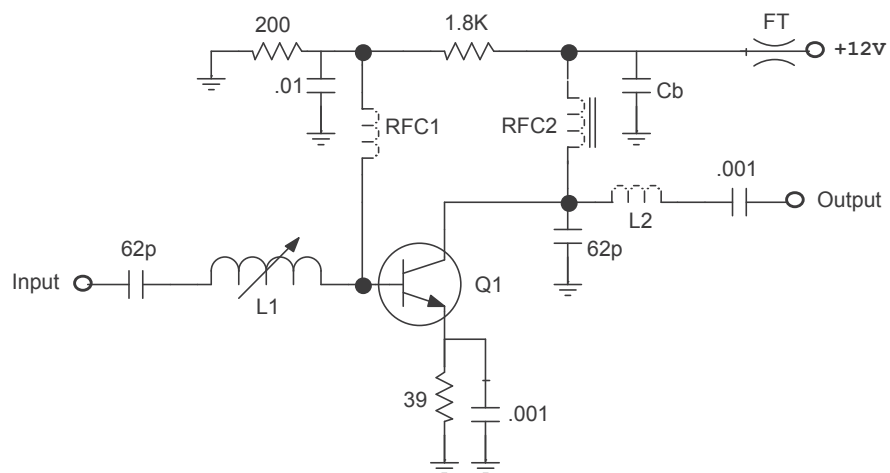
ALL LC NETWORKS ARE TUNED TO 116 MHz.

WA3JUF 1984

144 MHz Transverter IF and 2M RF switching WA3JUF 1984



28 MHz Post Amplifier WA3JUF 1984



Q1 - SD1040, SD1316 or 2N5109
L1 - 13t #24 on 1/4" slug tuned form
L2 - 5.6uH molded choke
RFC1 - 15uH molded choke
RFC2 - 14t #24 on T50-2 core
Cb - .01uf + .22uf + 10uf elec.

NF = 1.5dB
Gain = 20dB min.
1dB comp = +16dBm